

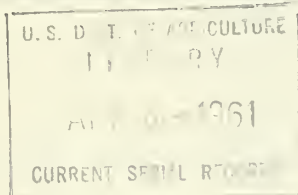
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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.



RICE
FR 1-61
March 1961

WORLD RICE EXPORTS BY ORIGIN AND DESTINATION, 1957-59

World rice trade in 1959 rose to a postwar record, according to export statistics now available for most countries.

Shipments from all exporting countries during 1959, excluding reexports, were 6,448,000 metric tons, milled rice equivalent, compared with 6,064,000 tons in 1958, and 6,011,000 tons in 1957. Prior to World War II (1936-40) rice exports averaged about 8 million tons, but of this amount much was for animal feeding---in some years as much as 700,000 tons. The level of world prices after World War II has prevented the use of rice for livestock feeding.

Four-fifths of the 1959 exports originated in Asia. Burma, Communist China, and Thailand -- with combined exports of over 3,800,000 tons -- accounted for 26, 25, and 17 percent, respectively, of world trade.

The United States was the fourth largest exporter, supplying about 11 percent of all exports. Exports were materially above the preceding year, but lower than the 1956 record. The United States led all exporters in the number of countries to which rice was shipped.

The pattern of trade changed during 1959 following the trends of 1958. Imports of Asian and Middle Eastern countries declined for the second consecutive year. Other major areas showing declines were North and South American countries. Major increases occurred in the case of Western and Eastern Europe, the U.S.S.R., Africa, and Oceania.

The Asian exporters show similar variations, with Burma's exports continuing relatively high, and Vietnam's substantially up, but with Thailand's exports the lowest in several years due to reduced supplies.

RICE (in terms of milled 1/): World exports by country of origin and destination, 1957

| Destination | Exporting countries | | | | | | | | | | | | | |
|--|---------------------|--------------------------|-------|----------|-------|---------------------|-------|---------|----------|-------|-------|--------------|-------|------------------------|
| | United States | Other Western Hemisphere | Burma | Thailand | China | Communist countries | Other | Vietnam | Cambodia | Asia | Italy | Other Europe | Egypt | Other countries: Total |
| | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. |
| North and Central America and Caribbean: | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Canada | 17.9 | 12.4 | -- | 0.4 | -- | 4/ | -- | -- | -- | -- | 1.5 | -- | 0.8 | 33.0 |
| Costa Rica | 4/ | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.0 |
| British West Indies | 3.8 | 39.9 | 12.1 | 5.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 60.9 |
| Cuba | 190.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 190.6 |
| Netherlands Antilles | 2.2 | 0.5 | -- | -- | -- | -- | -- | -- | -- | -- | 0.1 | -- | -- | 2.8 |
| Others | 6.8 | 3.9 | -- | .7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.4 |
| Total | 221.3 | 60.7 | 12.1 | 6.2 | -- | 4/ | -- | -- | -- | -- | 1.6 | -- | 0.8 | 302.7 |
| South America: | | | | | | | | | | | | | | |
| Bolivia | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 |
| Colombia | 0.1 | 10.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.1 |
| Peru | 4/ | 20.1 | -- | -- | -- | -- | -- | -- | -- | 4/ | -- | -- | -- | 20.1 |
| Venezuela | 1.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.8 |
| Others | .1 | .7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.8 |
| Total | 2.0 | 34.4 | -- | -- | -- | -- | -- | -- | -- | 4/ | -- | -- | -- | 36.4 |
| Europe: | | | | | | | | | | | | | | |
| Austria | .2 | .6 | -- | -- | -- | 2.3 | -- | -- | -- | -- | 10.8 | 5.6 | 18.6 | 38.1 |
| Belgium-Luxembourg | 15.5 | 1.7 | 1.8 | 3.3 | -- | -- | 0.9 | -- | 1.9 | -- | .2 | -- | 7.8 | 33.1 |
| Denmark | .1 | .1 | -- | 16.1 | -- | 4/ | -- | -- | -- | -- | 1.5 | 0.7 | -- | 18.7 |
| Finland | -- | -- | -- | -- | -- | 2.6 | -- | -- | -- | -- | 6.0 | 6.3 | 2.0 | 16.9 |
| France | 4/ | -- | -- | 1.0 | -- | -- | 24.5 | -- | 49.8 | -- | 1.7 | -- | -- | 99.2 |
| Germany, West | .8 | 1.5 | 6.5 | 5.0 | -- | 1.0 | -- | -- | -- | -- | 1.9 | 17.4 | 27.8 | 61.9 |
| Greece | .6 | 4/ | -- | .4 | -- | -- | -- | -- | -- | -- | .3 | -- | 12.9 | 14.2 |
| Netherlands | .7 | 7.9 | -- | 52.0 | -- | .7 | -- | -- | -- | 0.3 | -- | -- | 5.8 | 68.1 |
| Portugal | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.7 | -- | -- | 12.6 |
| Sweden | .6 | .4 | 2.2 | -- | -- | -- | -- | -- | -- | -- | .8 | -- | .2 | 4.2 |
| Switzerland | 1.0 | -- | -- | .3 | -- | 1.1 | -- | -- | -- | -- | 19.6 | .4 | 3.3 | 25.7 |
| United Kingdom | 4/ | 9.3 | 11.9 | 26.1 | -- | -- | -- | -- | -- | -- | 10.6 | 4.5 | -- | 67.6 |
| Others | .1 | .3 | -- | .1 | -- | .2 | -- | -- | -- | -- | 2.3 | -- | .5 | 3.9 |
| Total West Europe | 19.6 | 21.8 | 22.4 | 104.3 | -- | 7.9 | 25.4 | 51.7 | .3 | 67.4 | 34.9 | 79.1 | 29.4 | 464.2 |
| Czechoslovakia | -- | -- | 50.8 | -- | 17.0 | 47.2 | -- | -- | -- | -- | -- | -- | 21.7 | 136.7 |
| Yugoslavia | -- | -- | 21.1 | -- | -- | .1 | -- | -- | -- | -- | .4 | .5 | .7 | 22.8 |
| Hungary | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 21.8 |
| Others | -- | -- | 7.1 | -- | 24.0 | 25.2 | -- | -- | -- | -- | -- | -- | 6.0 | 62.3 |
| Total East Europe | -- | -- | 100.8 | -- | 41.0 | 72.5 | -- | -- | -- | -- | .4 | .5 | 28.4 | 243.6 |
| Total all Europe | 19.6 | 21.8 | 123.2 | 104.3 | 41.0 | 80.4 | 25.4 | 51.7 | .3 | 67.8 | 35.4 | 107.5 | 29.4 | 707.8 |
| U.S.S.R. | -- | -- | 101.6 | -- | 181.1 | -- | -- | -- | -- | 4.8 | -- | -- | 73.8 | 361.3 |
| Africa: | | | | | | | | | | | | | | |
| Algeria | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | 3.6 |
| British West Africa | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 22.9 | -- | -- | 22.9 |
| Comoro Islands | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.5 |
| French West Africa | -- | -- | 3.0 | 2.0 | 0.6 | -- | -- | -- | 44.6 | -- | -- | 4.9 | -- | 55.1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|-------|---------|---------|---------|-------|-------|-------|-------|-------|------|-------|------|---------|------|------|------|----|------|----|------|----|-----|----|---------|
| Gambia | -- | -- | -- | 3.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.5 |
| Kenya | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.7 |
| Liberia | 14.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.7 |
| Libya | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.2 |
| Mauritius | -- | -- | -- | 51.9 | 2.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.8 | -- | 54.5 |
| Morocco | 4/ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.2 |
| Reunion | -- | -- | -- | -- | 4.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 17.9 |
| Seychelles | -- | -- | -- | 1.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.5 |
| Sudan | -- | -- | -- | -- | .2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.6 |
| Union of South Africa .. | .4 | -- | -- | -- | 7.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 48.7 |
| Zanzibar | -- | -- | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.4 |
| Others | .4 | -- | -- | -- | 6.1 | -- | -- | -- | -- | 91.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107.0 |
| Total | 15.5 | -- | -- | 66.3 | 36.6 | -- | -- | .6 | -- | 91.8 | -- | -- | 59.1 | -- | 37.3 | -- | 9.0 | -- | 39.4 | -- | 12.4 | -- | -- | -- | 368.0 |
| Asia: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aden | -- | -- | -- | 3.7 | 16.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.1 |
| Arabian Peninsula | 5.0 | -- | -- | 41.7 | 18.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 65.2 |
| Iraq | -- | -- | -- | -- | 5.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.2 |
| Israel | .3 | -- | -- | 8.1 | -- | -- | -- | -- | 1.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.6 |
| Jordan | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.5 |
| Lebanon | 4/ | -- | -- | -- | 1.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 29.2 |
| Saudi Arabia | 5.7 | -- | -- | -- | 69.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 79.5 |
| Syria | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.4 |
| British Borneo | -- | -- | -- | 298.3 | 44.9 | -- | -- | .1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.8 |
| Ceylon | -- | -- | -- | 1.5 | 192.3 | -- | -- | 64.5 | 15.8 | -- | -- | 32.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 505.8 |
| Hong Kong | -- | -- | -- | 487.3 | 4.5 | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306.8 |
| India | 151.2 | -- | -- | 208.1 | 178.6 | -- | -- | 1.9 | 12.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 696.4 |
| Indonesia | 30.6 | -- | -- | 106.1 | 117.2 | -- | -- | .1 | 4.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 496.8 |
| Japan | 1.0 | -- | -- | -- | -- | -- | -- | -- | -- | 20.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 363.6 |
| Korea, South | 135.3 | -- | -- | -- | 42.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 207.9 |
| Maldives | -- | -- | -- | 5.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.9 |
| Malaya | -- | -- | -- | 110.3 | 467.6 | -- | -- | 25.9 | -- | 5.9 | -- | 38.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 648.2 |
| Nansel & Nanpo Islands .. | .4 | -- | -- | 30.9 | 29.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 60.4 |
| Pakistan | 126.5 | -- | -- | 148.2 | 62.7 | -- | -- | -- | -- | 20.0 | -- | 2.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 359.8 |
| Philippines | 17.5 | -- | -- | -- | 104.6 | -- | -- | -- | -- | 15.4 | -- | 5.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 142.5 |
| Others | -- | -- | -- | -- | 6.8 | -- | -- | -- | -- | -- | -- | 5.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.2 |
| Total | 473.5 | -- | -- | 1,450.1 | 1,419.2 | -- | -- | 269.6 | 33.7 | 61.9 | -- | 83.7 | -- | 185.9 | -- | 36.7 | 20.6 | -- | 74.3 | -- | .6 | -- | -- | -- | 4,109.8 |
| Oceania: | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Guinea | 4/ | -- | -- | -- | 7.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 16.0 |
| New Hebrides | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.8 |
| New Zealand | -- | -- | -- | -- | .4 | -- | -- | 4/ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.2 |
| Papua | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.0 |
| Others | 2.5 | -- | -- | .3 | 4/ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 |
| Total | 2.5 | -- | -- | .3 | 4/ | -- | -- | 4/ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.7 |
| Other countries | 50.5 | -- | -- | 2.7 | -- | -- | -- | -- | 29.7 | 4.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 88.4 |
| World total | 784.9 | 119.9 | 1,753.3 | 1,575.8 | 492.3 | 143.8 | 183.9 | 194.5 | 191.0 | 143.5 | 65.0 | 295.8 | 67.4 | 6,011.1 | | | | | | | | | | | |

1/ Includes milled, semi-milled, broken, and rough rice in terms of milled. 2/ From returns of importing countries. 3/ Bulgaria, Hungary, and North Vietnam.
4/ Less than 50 metric tons. 5/ 14,037 tons from Malagasy Republic and 8,115 tons from Morocco. 6/ Does not include re-exports of 102,696 tons from Malaya.
7/ From Australia.

RICE (in terms of milled $\frac{1}{2}$): World exports by country of origin and destination, 1958

| Destination | Exporting countries | | | | | | | | | | | | | |
|--|---------------------|--------------------|-------|----------|-----------------|---------------------|-----------------|----------|---------|------------|-------|--------------|-------|------------------------|
| | United States | Western Hemisphere | Burma | Thailand | Communist China | Communist countries | Other countries | Cambodia | Vietnam | Other Asia | Italy | Other Europe | Egypt | Other countries: Total |
| | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. |
| North and Central America and Caribbean: | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Canada | 12.6 | 18.8 | — | — | — | 2.6 | — | — | — | — | 0.3 | — | — | 34.3 |
| British West Indies | 4.2 | 18.2 | 4.0 | 13.4 | — | — | — | — | — | — | — | — | — | 39.8 |
| Costa Rica | 4.2 | 3.2 | — | — | — | — | — | — | — | — | — | — | — | 3.2 |
| Cuba | 190.7 | — | — | — | — | — | — | — | — | — | — | — | — | 190.7 |
| Guadeloupe | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guatemala | 2.5 | 0.6 | — | — | — | — | — | — | — | — | — | — | — | 3.6 |
| Netherlands Antilles | 2.8 | .6 | — | — | — | — | — | — | — | — | — | — | — | 3.1 |
| Nicaragua | 2.2 | .3 | — | — | — | — | — | — | — | — | — | — | — | 3.4 |
| Others | 4.7 | 5.2 | — | 4.2 | — | — | — | — | — | — | — | — | — | 2.5 |
| Total | 219.7 | 46.9 | 4.0 | 13.4 | — | 2.6 | — | — | — | — | .9 | .1 | — | 10.6 |
| South America: | — | — | — | — | — | — | — | — | — | — | — | — | — | 291.2 |
| Bolivia | 2.0 | 11.5 | — | — | — | — | — | — | — | — | — | — | — | 13.5 |
| Chile | 4.2 | 3.5 | — | — | — | — | — | — | — | — | — | — | — | 3.6 |
| Peru | 44.5 | .1 | — | — | — | — | — | — | — | — | 4.2 | — | — | 44.6 |
| Venezuela | 0.1 | 27.9 | — | — | — | — | — | — | — | — | — | — | — | 28.0 |
| Others | .1 | .2 | — | — | — | — | — | — | — | — | — | — | — | 0.3 |
| Total | 46.7 | 43.2 | — | — | — | — | — | — | — | — | 0.1 | — | — | 90.0 |
| Europe: | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Austria | — | .3 | — | — | — | 5.2 | — | — | — | — | 14.2 | .2 | 8.6 | 35.4 |
| Belgium-Luxembourg | 5.9 | 2.7 | 0.7 | 2.2 | 5.5 | 7.3 | — | — | — | — | .1 | 1.1 | 7.9 | 33.4 |
| Denmark | .5 | .2 | — | 10.6 | — | .2 | — | — | — | — | 2.1 | — | — | 13.6 |
| Finland | — | — | — | — | — | .2 | — | — | — | — | 8.5 | 3.4 | 0.5 | 12.6 |
| France | 4.2 | — | — | 7.8 | — | — | 1.0 | 47.7 | 0.1 | — | 1.9 | 2.2 | 5.5 | 77.2 |
| Germany, West | 14.1 | 1.7 | 3.5 | 6.1 | 4.9 | 8.0 | — | — | — | — | 15.4 | 1.5 | 28.4 | 83.6 |
| Greece | 1.9 | — | — | 0.8 | — | 1.1 | — | — | — | — | .2 | — | 2.1 | 6.1 |
| Netherlands | 3.9 | 8.7 | — | 42.8 | 8.3 | 1.9 | — | 1.8 | — | — | 8.1 | 1.1 | 4.3 | 82.5 |
| Norway | — | — | — | — | — | .6 | — | — | — | — | 2.5 | — | — | 3.1 |
| Sweden | 1.3 | 1.1 | 3.0 | — | — | .2 | — | — | — | — | 2.0 | — | — | 7.6 |
| Switzerland | 1.6 | 4.2 | — | — | — | 2.0 | — | — | — | — | 21.0 | — | — | 24.6 |
| United Kingdom | 7.8 | 4.2 | 1.9 | 46.0 | 2.6 | 1.1 | .2 | — | — | — | 19.7 | 4.3 | — | 99.1 |
| Others | .3 | .3 | — | — | 0.1 | .1 | — | — | — | — | .9 | — | — | 3.1 |
| Total West Europe | 37.3 | 19.2 | 9.1 | 116.3 | 21.4 | 27.9 | 1.2 | 49.5 | 0.1 | — | 96.6 | 13.8 | 52.3 | 481.9 |
| Czechoslovakia | — | .3 | 68.8 | — | 37.0 | 16.0 | — | — | — | — | — | — | 4.0 | 127.1 |
| Hungary | — | — | — | — | 6.0 | — | — | — | — | — | — | — | — | 6.0 |
| Poland | — | — | — | — | 6.6 | 21.8 | — | — | — | — | — | — | — | 28.4 |
| Rumania | — | — | — | — | 14.5 | — | — | — | — | — | — | — | 2.5 | 17.0 |
| Yugoslavia | — | — | 30.2 | — | — | .9 | — | — | — | — | .7 | .2 | — | 32.0 |
| Total East Europe | — | .3 | 99.0 | — | 99.1 | 38.7 | — | — | — | — | .7 | .2 | 6.5 | 245.5 |
| Total all Europe | 37.3 | 19.5 | 108.1 | 116.3 | 120.5 | 66.6 | 1.2 | 49.5 | 0.1 | — | 97.3 | 14.0 | 58.8 | 727.4 |
| U.S.S.R. | — | — | — | — | — | 25.5 | — | — | — | — | — | — | 22.2 | 500.5 |
| Africa: | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Algeria | — | — | — | — | — | — | — | — | — | — | 4.2 | 6.8 | — | 7.2 |
| British East Africa | — | — | 1.1 | — | — | — | — | — | — | — | 10.7 | .1 | — | 12.9 |
| British West Africa | — | — | — | — | — | — | — | — | — | — | 9.7 | — | — | 9.7 |

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| Comoro Islands | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — 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RICE (in terms of milled \bar{L}): World exports by country of origin and destination, 1959

| Destination | Exporting countries | | | | | | | | | | | | | |
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| | United States | Other Western Hemisphere | Burma | Thailand | Communist China | Communist countries | Other Communist countries | Vietnam | Cambodia | Pakistan | Other Asia | Italy | Egypt | Other countries |
| | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. | m. t. |
| North and Central America and Caribbean: | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Canada | 9.4 | 7.3 | — | — | — | — | — | — | — | — | — | 11.6 | — | 5.6 |
| Costa Rica | 3.7 | 4/ 3.9 | — | — | — | — | — | — | — | — | — | — | — | — |
| British West Indies | 2.9 | 5/ 50.7 | — | — | — | — | — | — | — | — | — | — | — | — |
| Cuba | 169.3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Netherlands Antilles | 3.1 | 6/ | — | — | — | — | — | — | — | — | — | — | — | — |
| Guadeloupe | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| El Salvador | — | 2.3 | — | — | — | — | — | — | — | — | — | — | — | — |
| Others | 8.3 | — | — | — | — | — | — | — | — | — | — | 0.1 | — | — |
| Total | 196.7 | 64.2 | — | — | — | — | — | — | — | — | — | 11.7 | — | 9.4 |
| South America: | 196.7 | 64.2 | — | — | — | — | — | — | — | — | — | 11.7 | — | 9.4 |
| Argentina | 2.9 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Chile | 3.1 | 1.0 | — | — | — | — | — | — | — | — | — | — | — | — |
| Bolivia | — | 5.3 | — | — | — | — | — | — | — | — | — | — | — | — |
| Venezuela | 3.7 | 8/ 27.2 | — | — | — | — | — | — | — | — | — | — | — | — |
| Others | 0.4 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 10.1 | 33.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| Europe: | 10.1 | 33.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| Austria | 6/ | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Belgium-Luxembourg | 20.4 | 0.3 | — | — | — | — | — | — | — | — | — | — | — | — |
| Denmark | .5 | .1 | — | — | — | — | — | — | — | — | — | — | — | — |
| Finland | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| France | .3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Germany, West | 54.5 | 9.7 | 13.2 | .2 | 16.2 | — | — | 24.6 | 98.1 | — | — | 29.0 | 1.4 | 9/ 21.9 |
| Greece | 1.4 | — | — | .8 | — | — | — | — | — | — | — | — | 1.3 | 6/ |
| Ireland | .3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Netherlands | 24.9 | 1.2 | 23.2 | 29.6 | 17.2 | 5.6 | 1.8 | — | — | — | — | 1.9 | — | .7 |
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| Sweden | 2.4 | — | — | — | .1 | — | — | — | — | — | — | 2.7 | — | .2 |
| Switzerland | 1.0 | .3 | — | — | .4 | .1 | — | — | — | — | — | 16.0 | — | — |
| United Kingdom | 22.2 | 6/ | 5.5 | 24.7 | 1.9 | 1.1 | — | 0.9 | — | 0.3 | — | 18.7 | — | 12.7 |
| Others | 1.0 | — | — | 6/ | .3 | — | — | — | 7.5 | — | — | — | — | .2 |
| Total West Europe | 128.9 | 11.6 | 65.1 | 64.6 | 67.5 | 24.9 | 25.5 | 105.6 | 0.3 | — | — | 101.0 | 2.7 | 39.2 |
| Total East Europe | — | — | 42.4 | — | 156.3 | 51.2 | — | — | — | — | — | — | — | 65.7 |
| Total all Europe | 128.9 | 11.6 | 107.5 | 64.6 | 223.8 | 76.1 | 25.5 | 105.6 | 0.3 | — | — | 101.0 | 2.7 | 104.9 |
| U.S.S.R. | — | — | 30.7 | — | 658.4 | — | — | — | — | — | — | — | — | — |
| Africa: | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Algeria | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| British East Africa | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| British West Africa | — | — | — | — | — | — | — | — | — | — | — | 10.2 | — | — |
| Camerouns | .3 | — | — | — | — | — | — | — | — | — | — | — | — | 1.4 |

In 1959, Communist China exports were at an alltime high. While no official Communist statistics, trade returns from importing countries indicate a total export of some 1,600,000 metric tons. Actual exports may have been higher. Supplies of rice moving to Asia dropped, but this decline was more than offset by substantial marketings in the U.S.S.R., Europe, and Africa, much of which was at reduced prices.

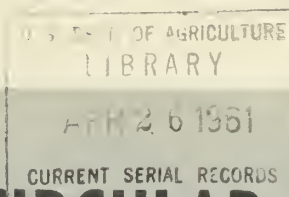
Despite declines in Asian deficit countries' imports as a whole, the total trade of the area represented nearly 60 percent of the world total. The major importers, in order, were Indonesia, Malaya and Singapore, Ceylon, Hong Kong, India, and Pakistan. For the rest of the world, the U.S.S.R. was the largest in 1959 with an import approximately the same as that of Malaya and Singapore followed in order by Western Europe, Africa, Eastern Europe, North and South America and Oceania.

Following a moderate rise in world prices in 1958, export prices in 1959 generally fell about 10 percent to about or slightly below the 1957 averages. The increase in world trade quite likely was due more to improved economic conditions than to prices.



Growth Through Agricultural Progress

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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.

RICE
FR 2-61
April 1961

THAILAND'S RICE SUPPLIES

INCREASE IN 1961



Thailand's 1960-61 rice crop was the largest in 4 years, and export sales for the first quarter of 1961 were heavy. The official estimate of production is 7,462,000 metric tons of rough rice, compared with 7,250,000 tons in 1959-60. The quality generally is good.

THAILAND: Estimated supply and distribution of milled rice 1/,
1960 and 1961

| Supply | : 1960 | : 1961 | : <u>2/</u> | Distribution | : 1960 | : 1961 | : <u>2/</u> |
|----------------------|---------|---------|-------------|---------------------------------|---------|---------|-------------|
| | : 1,000 | : 1,000 | : | | : 1,000 | : 1,000 | : |
| | : m. t. | : m. t. | : | | : m. t. | : m. t. | : |
| Beginning stocks ... | : 332 | : 267 | : | Harvest losses <u>2/</u> ... | : 138 | : 146 | : |
| Production (revised) | : 4,586 | : 4,850 | : | Domestic food consumption | : 3,013 | : 3,117 | : |
| | : | : | : | Feed and industrial use | : 10 | : 10 | : |
| | : | : | : | Seed | : 231 | : 231 | : |
| | : | : | : | Storage losses | : 55 | : 55 | : |
| | : | : | : | Exports | : 1,192 | : 1,400 | : |
| | : | : | : | Loss in shipment <u>4/</u> | : 12 | : 14 | : |
| | : | : | : | Ending stocks | : 267 | : 144 | : |
| Total | : 4,918 | : 5,117 | : | Total | : 4,918 | : 5,117 | : |

1/ Converted from rough rice at 65 percent. 2/ Preliminary. 3/ 3 percent of production. 4/ 1 percent of exports.

Compiled from official sources.

The surplus available for export in 1961 is officially estimated at around 1.4 million metric tons of milled rice. Whether supplies will be sufficient to ship that volume is uncertain. If the goal is reached, 1961 exports will be the largest since 1957. Shipments in 1960 were 1,192,000 tons, and the average in 1951-55 was 1,380,000 tons.

Milled rice exports in January, February, and March 1961--170,000, 155,000, and 168,000 tons--totalled 493,000 tons. In the first quarter of 1960, only 301,000 tons were exported. Shipments to Indonesia, Ceylon, and Taiwan, in addition to the regular trade with Singapore, Malaya, and Hong Kong, so far have kept the export level high.

In late February, as the availability of high-grade rough rice began to diminish, prices moved upward. Other contributing factors were: (1) dealers were holding back stocks for regular customers, (2) the price of gunny bags was rising, and (3) the trade was discounting competition from Communist China in 1961 in Hong Kong and other markets.

On February 27, the price of top-grade rice had jumped 6 percent within a week. First-quality, 100-percent whole, sold for \$143.95 per metric ton compared with \$135.74 per ton a week before. January prices for the same grade averaged about \$134.00 per ton.

THAILAND: Rice export prices, f.o.b. Bangkok, 1/ January 9-April 4, 1961

| Date | White rice | | | White | Cargo, |
|-------------------|-------------|------------|------------|------------|-------------|
| | 100 percent | 5 percent | 10 percent | broken, | 100 percent |
| | first-grade | broken | broken | A-1 Super | whole |
| | : | : | : | : | : |
| | Dollars | Dollars | Dollars | Dollars | Dollars |
| | per | per | per | per | per |
| | metric ton | metric ton | metric ton | metric ton | metric ton |
| Jan. 9, old crop: | 144.56 | -- | -- | -- | -- |
| " new crop: | 133.34 | 124.21 | 119.30 | 88.42 | 112.28 |
| " 16, old crop: | 144.51 | -- | -- | -- | -- |
| " new crop: | 133.28 | 124.86 | 119.95 | 86.98 | 112.24 |
| " 23 " " | 134.69 | 126.97 | 121.36 | 90.50 | 112.94 |
| " 30 " " | 133.91 | 124.80 | 118.49 | 88.34 | 113.58 |
| Feb. 3 " " | 133.82 | 125.41 | 120.51 | 88.28 | 112.10 |
| " 13 " " | 135.82 | 125.33 | 120.43 | 88.22 | 113.43 |
| " 20 | 135.74 | 125.95 | 121.75 | 88.86 | 113.35 |
| " 27 | 143.95 | 129.97 | 125.08 | 87.07 | 120.19 |
| March 6 | 148.03 | 135.46 | 130.57 | 92.17 | 122.89 |
| " 13 | 148.36 | 135.77 | 130.87 | 93.78 | 124.57 |
| " 20 | 146.94 | 135.75 | 129.17 | 90.26 | 123.15 |
| April 4 | 143.43 | 132.93 | 128.74 | 91.65 | 121.74 |

1/ Milled rice; includes export premium, export tax and cost of bag.
Packed in bags of 100 kilograms (220.46 pounds) net.

Compiled from weekly reports.

The highest price so far this year for first-quality, 100 percent whole, was \$148.36 per ton on March 13; then the price began to recede somewhat, though not to as low a level as the January average. On April 4, the price was \$143.43 per ton. Prices in late February to early April were the highest since 1958.

Thailand: Average export prices, f.o.b. Bangkok, 1958-60

| Type of rice | 1958 | 1959 | 1960 |
|------------------------|---------|---------|---------|
| | Dollars | Dollars | Dollars |
| | per | per | per |
| | m. t. | m. t. | m. t. |
| White milled | 148.36 | 137.63 | 133.36 |
| White broken | 99.75 | 81.46 | 70.19 |
| Cargo | 137.12 | 129.20 | 120.02 |
| Parboiled | 137.68 | 121.48 | 105.99 |
| Glutinous | 105.37 | 131.17 | 129.99 |
| Glutinous broken | -- | 99.15 | 84.23 |
| Average | -- | 116.71 | 107.25 |

Effective December 29, 1960, the export premiums on most rice grades were revised downward. The premiums on the 2 top grades remain at the level set in December 1959, while that on white rice, 15-percent broken, has not changed since August 1959.

The only premium higher than in 1959 is the premium for all grades of broken rice, except A-1 super. The premium on that grade has changed little since 1958.

The largest drop in the export premiums was for glutinous rice. With that type not being in short supply as it was in 1960, the premium on it was set back to the 1959 level. The next largest decreases occurred in the export premiums on broken cargo rice, with the greatest reductions for 25%, 5 to 20%, and 35% broken, respectively.

There is some indication that export premiums may be manipulated to facilitate exports even more than in the past. Thai exports to Europe have declined steadily in the last 5 years, and about a 20-percent reduction in the premiums on some grades is needed to make Thai prices competitive there.

Rice exports from Thailand in 1960, at 1,192,000 tons, gained 8 percent over 1959, but were 24 percent less than the postwar record in 1957. Although the volume was larger, the total value decreased slightly below that in 1959 because of price declines. According to trade statistics, the value of all rice and products exported in 1960 was \$123,995,000 compared with \$123,034,000 in 1959.

THAILAND: Rice export premiums, effective December 29, 1960,
with comparisons

| Type | Effective date | | | |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Aug. 1959 | Dec. 30, 1959 | Aug. 1, 1960 | Dec. 29, 1960 |
| | Dollars per m. t. | Dollars per m. t. | Dollars per m. t. | Dollars per m. t. |
| White rice: | | | | |
| Whole white rice, 100% whole: | 44.52 | 42.38 | 42.38 | 42.38 |
| 10% broken | 44.52 | 40.00 | 40.00 | 40.00 |
| 15% broken | 40.00 | 40.00 | 40.00 | 40.00 |
| 25% broken | 30.95 | 30.95 | 30.95 | 28.57 |
| 35% broken | 28.57 | 28.57 | 28.57 | 26.19 |
| 45% broken | 28.57 | 26.19 | 26.19 | 23.81 |
| Broken A-1 extra super | 34.76 | 34.29 | 34.29 | 34.29 |
| Other broken | 22.38 | 21.43 | 25.71 | 23.81 |
| Cargo rice: | | | | |
| 100% whole, 5 to 20% broken: | 35.71 | 33.33 | 33.33 | 28.57 |
| 25% broken | 30.95 | 30.95 | 30.95 | 1/ 23.81 |
| 35% broken | 28.57 | 28.57 | 28.57 | 23.81 |
| 45% broken | 28.57 | 26.19 | 26.19 | 23.81 |
| Broken cargo rice | 21.43 | 20.00 | 20.00 | 16.67 |
| Parboiled rice: | | | | |
| Whole, all grades | 30.95 | 28.57 | 28.57 | 26.19 |
| Broken, all grades | 19.05 | 18.10 | 18.10 | 15.24 |
| Glutinous rice: | | | | |
| Whole, all grades | 28.57 | 28.57 | 38.10 | 28.57 |
| Broken, all grades | 21.43 | 20.00 | 20.00 | 16.67 |
| Flour: | | | | |
| White and glutinous, coarse: | -- | 18.10 | 18.10 | 15.24 |
| White and glutinous, fine | 16.19 | 16.19 | 16.19 | 14.29 |
| Rice noodles | -- | -- | 4.76 | 4.76 |

1/ 25% broken, and lower grades.

Thailand exported more 100-percent white rice and glutinous broken grades in 1960 than in 1959 by 27 and 25 percent, respectively. However, exports of glutinous whole rice dropped 25 percent below those in 1959 due to short supply and smaller demand in Laos and other markets. Also, exports of cargo rice and white broken rice decreased by 29 and 10 percent, respectively.

Thailand signed contracts with Japan, Taiwan, Indonesia, Pakistan, and Ceylon during 1960 for a total of 405,000 metric tons of white rice. This was about double the 196,850 tons under government-to-government contracts in 1959.

THAILAND: Milled rice exports, by country of destination, 1955-60

| Destination | 1955 | 1956 | 1957 | 1958 | 1959 <u>1/</u> | 1960 <u>1/</u> |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons |
| Asia: | | | | | | |
| Arabian Peninsula ... | 5,730: | 29,634: | 104,436: | 78,960: | 129,674: | 122,718 |
| British Borneo | 41,266: | 46,945: | 57,706: | 49,988: | 55,862: | 45,414 |
| Ceylon | 12,294: | 2: | 44,938: | 202: | 0: | 8,400 |
| Hong Kong | 189,892: | 186,783: | 192,334: | 171,788: | 163,670: | 177,000 |
| India | 1,507: | 5,878: | 4,502: | 202: | 59: | 112 |
| Indonesia | 66,380: | 166,563: | 178,594: | 130,832: | 74,607: | 189,251 |
| Japan | 335,037: | 119,039: | 117,206: | 48,253: | 75,533: | 65,377 |
| Korea | 0: | 0: | 42,592: | 15: | 0: | 0 |
| Malaya | 419,411: | 476,925: | 467,627: | 371,571: | 437,448: | 402,736 |
| Pakistan | 0: | 28,076: | 62,680: | 30,702: | 84: | 50,340 |
| Philippine Republic : | 56,538: | 31,351: | 104,611: | 47,072: | 470: | 0 |
| Ryukyu Islands | 21,910: | 25,236: | 29,105: | 24,230: | 17,950: | 20,280 |
| Taiwan | 311: | 1: | 1: | 1: | 4,101: | 19,760 |
| Other Asia | 22,537: | 11,060: | 12,873: | 11,995: | 15,177: | 1,050 |
| Europe: | | | | | | |
| Belgium | 4,925: | 2/ : | 3,250: | 2,250: | 598: | 300 |
| Denmark | 8,009: | 12,080: | 16,102: | 10,621: | 8,666: | 752 |
| Germany, West | 801: | 4,452: | 4,950: | 6,090: | 225: | 1,027 |
| Netherlands | 62,092: | 56,828: | 52,013: | 42,763: | 29,517: | 16,957 |
| United Kingdom | 9,633: | 20,138: | 26,059: | 45,981: | 24,662: | 17,617 |
| East Africa | 5,145: | 24,397: | 19,623: | 11,723: | 11,399: | 9,861 |
| South Africa | 0: | 4,504: | 7,720: | 350: | 19,327: | 13,564 |
| West Africa | 12,152: | 5,297: | 6,665: | 8,406: | 890: | 3,508 |
| Mauritius | 1,750: | 1,067: | 2,610: | 7,418: | 8,105: | 10,875 |
| New Guinea | 6,887: | 8,428: | 7,523: | 7,503: | 7,368: | 9,237 |
| Other Oceania | 74: | 952: | 2,022: | 3,615: | 7,649: | 5,157 |
| West Indies | 0: | 0: | 5,107: | 13,352: | 0: | 0 |
| Other countries | 2,487: | 6,674: | 3,005: | 14,087: | 8,390: | 573 |
| Total | 1,306,768: | 1,272,310: | 1,575,854: | 1,139,970: | 1,101,431: | 1,191,866 |

1/ Preliminary. 2/ Less than 1/2 ton.

Compiled from official and trade sources.

The principal destinations in 1960 continued to be Malaya, Hong Kong, and Indonesia; exports to these countries comprised 65 percent of the total. The countries in the Arabian Peninsula for the second year took considerably more rice -- over 10 percent of Thailand's exports -- than in previous seasons.

Exports to Taiwan and Mauritius increased substantially. However, those to Japan were much smaller than in former years.



UNITED STATES DEPARTMENT OF AGRICULTURE

POSTAGE AND FEES PAID

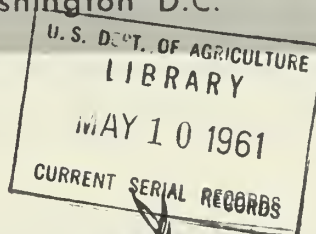
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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.



RICE
FR 3-61
April 1961

AUSTRALIAN RICE

TRADE EXPANDING



Growth Through Agricultural Progress

Australia had record rice exports in 1960 for the fourth consecutive year; and exportable supplies in the next few years are expected to increase further.

Production.--The sharp rise in exports last year was the result of record yields on a record acreage. Weather in 1959-60 in New South Wales--the main rice area--was favorable and the average yield per acre was the second largest in history.

Table 1.--AUSTRALIA: Rice acreage, production, and exports, averages 1935-36/39-40 and 1945-46/54-55, annual 1955-56 through 1960-61

| Year | Acreage | Yield per acre | Production | | Exports 1/ (in terms of milled) |
|------------------|----------------|----------------------|---------------|-------------------|---------------------------------------|
| | | | Rough | Milled | |
| | | | | equivalent: 2/ | |
| | 1,000 acres | Pounds | 1,000 cwt. | 1,000 m. t. | 1,000 m. t. |
| Average: | | | | | |
| 1935-36/39-40: | 23 | 4,143 | 953 | 29 | 12 |
| 1945-46/49-50: | 31 | 4,042 | 1,253 | 39 | 28 |
| 1950-51/54-55: | 37 | 4,603 | 1,703 | 53 | 32 |
| 1955-56 | 41 | 4,841 | 1,985 | 61 | 34 |
| 1956-57 | 53 | 3,396 | 1,800 | 56 | 31 |
| 1957-58 | 47 | 5,106 | 2,400 | 74 | 43 |
| 1958-59 | 52 | 5,423 | 2,820 | 87 | 52 |
| 1959-60 | 54 | 5,370 | 2,900 | 89 | 70 |
| 1960-61 2/ | 50 | 5,400 | 2,700 | 83 | -- |

1/ Calendar year in which crop is harvested. 2/ Rough rice converted at 68 percent. 3/ Preliminary forecast.

Compiled from official and trade sources.

Production in Northern Territory, at Humpty Doo, although above that in the year before, was again disappointing. Northern Territory Rice Ltd. harvested 74,000 cwt. of rough rice from 5,000 acres, compared with 27,000 cwt. from 3,000 acres in 1958-59. In Western Australia, another 10,000 cwt. were produced at Liveringa Station and on experimental plots along the Ord River.

In New South Wales, Caloro continued to be the principal variety grown. However, efforts to increase medium-grain varieties caused a marked gain in Calrose, with 309,000 cwt. harvested. Work on the development of long-grain rice suitable for the area was intensified, and for the 1960-61 crop, a number of farmers were given quantities of Bluebonnet 50 for seed multiplication.

Growing of long-grain rice reportedly has been encouraged in order to meet expected competition on the domestic market by rice from Northern Territory and from possible imports. Also, the trade is viewing the Canadian market for long-grain rice.

The outlook for the 1960-61 crop--planted last October and now being harvested--is fair. In the Murrumbidgee irrigation area, the rice center of New South Wales, it was reported that wet, cold weather early in the season decreased both the acreage and yield.

In the new Coleambally irrigation area south of Murrumbidgee, rice acreage is increasing steadily as new farms become available to settlers. Although it was originally intended that all farms concentrate on livestock production, the water conservation commission is allowing each settler enough water to plant 60 acres in rice during each of the first 6 years of occupation. This year, 27 farms came into operation, and it is assumed all owners are planting the permitted acreage.

It was first planned to settle about 70 of the farms every year. However, until the main irrigation dam is completed, water is available for only approximately 50 additional farms a year in the next 6 years. If the 250 farms to be settled within that period all plant 60 acres of rice, by 1966 the acreage will increase by about 15,000 acres and production by at least 700,000 cwt. of rough rice.

The project in Northern Territory at Humpty Doo is still more or less experimental. Four former employees of Territory Rice, Ltd. have each been given 400-acre blocks on a share basis, with most of the required equipment provided by the company. Under this management, yields are expected to increase. Their acreage in 1960-61 is about 2,000 acres with a probable yield of around 45,000 cwt.

Production is also expanding on the Fitzroy and Ord Rivers in Western Australia. Northern Developments Pty. Ltd. has been experimenting with rice yields, and under carefully planned programs apparently has obtained

good crops. At Liveringa Station, on the Fitzroy River, about 1,000 acres are in rice, and the 1960-61 crop should reach 37,000 cwt. Under an agreement with the Western Australian Government, the company is conducting trials at an experiment farm near the site of the projected Ord River dam. Although plantings so far are mainly experimental, acreage has reached 200 acres with an expected yield of around 8,000 cwt.

Trade.--Australia's total exports of rice in 1960 exceeded those of earlier years. Exports of milled rose 28 percent. Sales to such traditional markets as the United Kingdom and New Zealand declined, but were offset by shipments to new outlets, particularly Lebanon and Okinawa. The major markets for brown rice were New Guinea, Papua, and Canada.

Broken rice exports were 81 percent larger than in 1959. Japan was the principal destination--importing 5,000 tons. Canada took a substantial quantity of brewers' rice. The United Kingdom and the Netherlands, the main buyers in earlier years, continued to take sizable amounts. Okinawa became a valuable outlet for broken rice.

The 70,000 metric tons of rice exported in 1960 were 18,000 tons above the previous largest exports, in 1959. Demand was strong. In fact, the 1959-60 crop was somewhat oversold in export markets, and there was some difficulty in meeting commitments.

It is reported that the surplus from the 1960-61 crop for export in 1961 has already been sold, and that demand may again exceed supply. Principal buyers are the United Kingdom and the usual Pacific Island markets.

Okinawa is taking substantial quantities under an agreement concluded last year which provides for the purchase of 5,000 to 10,000 tons of milled rice each year. Initially the agreement was 2 years, but further negotiation late in 1960 provided for a possible extension to 5 years. In addition, Okinawa is buying around 5,000 tons of broken rice in 1961. Lebanon--the second largest buyer in 1960--is taking about 2,000 tons of milled rice.

Guam is another prospective market. It is currently buying Australian rice at the rate of 500 tons a month. Exports to Hong Kong have also been expanding since the appointment of an agent there last year.

Prices.--Strong competition in foreign markets forced down prices for part of the rice exported in 1960. This was especially true in the new Asian and Middle East markets. The average return to growers, however, remained about the same.

Under the marketing agreement between the New South Wales rice industry and the Commonwealth Department of Territories, the Australian industry supplies Papua and New Guinea their requirements exclusively, at a price negotiated annually. In 1960-61 (May-April), the price of dried brown rice, free on wharf Sydney or Melbourne, was \$5.60 per cwt. For vitamin-enriched rice, it was \$6.30 per cwt.

Table 2.--AUSTRALIA: Rice exports, by destination, and by classification, 1959 and 1960

| Country | 1959 | | | | 1960 | | | |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Brown rice | : Broken | : Milled | Total | Brown rice | : Broken | : Milled | Total |
| | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons | Metric tons |
| American Pacific dependencies : | 0 : | 24 : | 253 : | 277 : | 0 : | 2,002 : | 6,097 : | 1/8,099 |
| Canada | 1,533 : | 3,285 : | 727 : | 5,545 : | 2,514 : | 3,900 : | 0 : | 6,414 |
| Gilbert and Ellice Islands ...: | 20 : | 0 : | 1,432 : | 1,452 : | 0 : | 0 : | 676 : | 676 |
| Hong Kong | 0 : | 0 : | 770 : | 770 : | 0 : | 0 : | 2,764 : | 2,764 |
| Japan | 0 : | 1,073 : | 0 : | 1,073 : | 0 : | 5,085 : | 203 : | 5,288 |
| Lebanon | 0 : | 0 : | 1,858 : | 1,858 : | 0 : | 25 : | 9,084 : | 9,109 |
| Netherlands | 101 : | 488 : | 0 : | 589 : | 0 : | 750 : | 302 : | 1,052 |
| Netherlands New Guinea | 0 : | 0 : | 1,537 : | 1,537 : | 0 : | 0 : | 129 : | 129 |
| New Caledonia | 0 : | 0 : | 974 : | 974 : | 0 : | 0 : | 376 : | 376 |
| New Guinea | 7,191 : | 56 : | 4,760 : | 12,007 : | 7,672 : | 64 : | 6,091 : | 13,827 |
| New Hebrides | 23 : | 312 : | 2,289 : | 2,624 : | 42 : | 189 : | 1,813 : | 2,044 |
| New Zealand and dependencies : | 46 : | 525 : | 2,382 : | 2,953 : | 31 : | 478 : | 1,908 : | 2,417 |
| Papua | 2,801 : | 0 : | 1,063 : | 3,864 : | 3,726 : | 0 : | 1,738 : | 5,464 |
| Solomon Islands | 80 : | 401 : | 1,967 : | 2,448 : | 147 : | 442 : | 1,849 : | 2,438 |
| United Kingdom | 254 : | 2,265 : | 8,312 : | 10,831 : | 330 : | 2,701 : | 5,133 : | 8,164 |
| Others | 34 : | 214 : | 2,893 : | 3,141 : | 22 : | 39 : | 1,741 : | 1,802 |
| Total | 12,083 : | 8,643 : | 31,217 : | 51,943 : | 14,484 : | 15,675 : | 39,904 : | 70,063 |

1/ Includes around 5,000 tons to Okinawa.

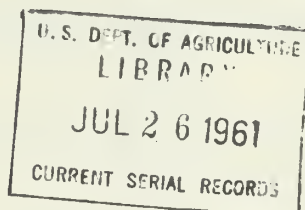
Compiled from monthly trade statistics.

Export prices of milled rice in the past part of 1950 varied by destination and quantity, and ranged from from \$7.10 per cwt. f.o.b. for a small quantity to Netherlands New Guinea, to just over \$3.20 per cwt. for rice to Hong Kong. December sales per cwt. to the Netherlands were at \$4.00 f.o.b. to Communist China, at \$4.30, and to Singapore at \$4.40.

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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.



RICE
FR 4-61
July 1961

1960-61 GOOD YEAR FOR

WORLD RICE PRODUCTION



The 1960-61 (August-July) world rice crop is estimated at a record 503.7 billion pounds of rough rice, according to the second estimate of Foreign Agricultural Service. This is 3 percent above the previous largest harvest of 487.5 billion in 1958-59.

Weather was generally favorable in most world areas. In Communist China, even though drought prevented the substantial production increases that occurred elsewhere in Asia, it is generally believed that the crop was maintained as the result of increased acreage.

The other important factors contributing to the increase in world production were (1) more land in rice and (2) continued improvement in cultural methods. World rice acreage--estimated at 293 million acres--increased 2 percent, or nearly 7 million acres over the previous year.

The increase in production was mainly in Asia. Production in North America, South America, and Africa was about at the 1959-60 level. Australia's crop declined to some extent, and in both Western and Eastern Europe crops were sharply below the year before.

The major importing countries of Asia had remarkable increases in production. Per acre yields were substantially higher than usual in Japan, India, Pakistan, Malaya, and Ceylon. Weather was the principal factor, but improved practices in these countries are also important in the increase in average yields per acre.

Rice crops in Asia's 2 major exporting countries--Burma and Thailand--were good, though yields per acre were below the exceptionally high yields of the year before. Production dropped in Vietnam and Cambodia due to unfavorable weather.

RICE (rough): Acreage, yield per acre, and production in specified countries, average 1950-51/1954-55, annual 1958-59 to 1960-61 1/2

| Continent and country | Acreage | | | Yield per acre | | | Production | | |
|-----------------------|---------|---------|---------|----------------|---------|---------|----------------|----------------|----------------|
| | Average | 1958-59 | 1959-60 | Average | 1958-59 | 1959-60 | Average | 1958-59 | 1959-60 |
| | 1950-51 | 1958-59 | 1959-60 | 1950-51 | 1958-59 | 1959-60 | 1950-51 | 1958-59 | 1959-60 |
| | to | 2/ | 2/ | to | 2/ | 2/ | to | 2/ | 2/ |
| North America: | 1954-55 | | | 1954-55 | | | 1954-55 | | |
| | acres | acres | acres | Pounds | Pounds | Pounds | Million pounds | Million pounds | Million pounds |
| Mexico | 235 | 300 | 314 | 1,574 | 1,855 | 1,832 | 369.9 | 556.6 | 575.4 |
| United States | 2,068 | 1,415 | 1,586 | 2,419 | 3,136 | 3,369 | 5,002.6 | 4,438.1 | 5,343.8 |
| Costa Rica | 72 | 126 | 144 | 1,183 | 752 | 844 | 85.2 | 94.8 | 121.5 |
| El Salvador | 44 | 33 | 34 | 1,430 | 1,667 | 1,706 | 62.9 | 55.0 | 58.0 |
| Guatemala | 21 | 25 | 26 | 1,043 | 1,032 | 1,076 | 21.9 | 25.8 | 26.9 |
| Honduras | 27 | 29 | 33 | 941 | 934 | 955 | 25.4 | 27.1 | 31.0 |
| Nicaragua 3/ | 66 | 56 | 52 | 1,298 | 1,211 | 1,325 | 85.7 | 67.8 | 79.9 |
| Panama | 179 | 235 | 241 | 1,165 | 1,080 | 1,086 | 208.5 | 253.8 | 261.8 |
| Cuba | 175 | 271 | 300 | 1,829 | 1,835 | 1,833 | 320.0 | 497.2 | 550.0 |
| Dominican Republic | 112 | 130 | -- | 1,703 | 2,115 | -- | 190.7 | 275.0 | 255.0 |
| Total North America | 3,097 | 2,734 | 2,974 | 2,104 | 2,361 | 2,506 | 6,515.5 | 6,455.4 | 7,453.3 |
| South America: | | | | | | | | | |
| Argentina | 140 | 128 | 138 | 2,815 | 2,787 | 3,036 | 394.1 | 356.7 | 418.9 |
| Bolivia | 40 | 60 | 70 | 1,480 | 1,333 | 1,286 | 59.2 | 80.0 | 90.0 |
| Brazil 3/ | 5,362 | 6,629 | 7,230 | 1,340 | 1,364 | 1,499 | 7,182.5 | 9,042.1 | 10,835.6 |
| British Guiana | 132 | 183 | 204 | 2,126 | 1,831 | 2,140 | 280.6 | 335.0 | 420.0 |
| Chile | 69 | 102 | 103 | 2,512 | 1,801 | 2,377 | 173.3 | 183.7 | 244.8 |
| Colombia | 401 | 486 | 509 | 1,465 | 1,726 | 1,828 | 587.3 | 838.9 | 930.6 |
| Ecuador | 150 | 165 | 189 | 1,752 | 1,870 | 1,303 | 262.8 | 308.6 | 246.2 |
| Paraguay | 23 | 17 | 17 | 1,730 | 2,076 | 2,000 | 39.8 | 35.3 | 34.0 |
| Peru | 152 | 163 | 184 | 3,643 | 3,978 | 3,978 | 553.8 | 545.0 | 732.0 |
| Surinam | 49 | 77 | 71 | 2,580 | 2,435 | 2,444 | 126.4 | 187.5 | 177.9 |
| Uruguay | 38 | 44 | 46 | 3,095 | 2,470 | 2,343 | 117.6 | 108.7 | 107.8 |
| Total South America | 6,656 | 8,164 | 8,891 | 1,487 | 1,488 | 1,619 | 9,897.6 | 12,146.7 | 14,393.7 |
| Europe: | | | | | | | | | |
| France | 43 | 72 | 80 | 3,567 | 4,310 | 3,632 | 153.4 | 310.3 | 290.6 |
| Greece | 44 | 42 | 45 | 3,152 | 3,481 | 3,262 | 138.7 | 146.2 | 121.0 |
| Italy | 409 | 332 | 336 | 4,600 | 4,895 | 4,956 | 1,881.5 | 1,625.0 | 1,665.1 |
| Portugal | 80 | 86 | 90 | 3,841 | 3,816 | 3,992 | 307.3 | 328.2 | 399.3 |
| Spain | 160 | 160 | 161 | 4,737 | 5,171 | 5,286 | 757.9 | 827.4 | 851.0 |
| Total Western Europe | 736 | 692 | 712 | 4,401 | 4,678 | 4,653 | 3,238.8 | 3,237.1 | 3,312.8 |
| Total Eastern Europe | | | | | | | | | |
| Bulgaria | 37 | 33 | 24 | 1,916 | 2,988 | 2,671 | 70.9 | 98.6 | 64.1 |
| Hungary | 60 | 81 | 78 | 2,038 | 1,990 | 1,662 | 122.3 | 161.2 | 129.6 |
| Rumania | 45 | 41 | 67 | 2,296 | 1,978 | 1,810 | 103.3 | 81.1 | 98.8 |
| Yugoslavia | 10 | 14 | 15 | 2,750 | 3,436 | 3,113 | 27.5 | 48.1 | 46.7 |
| Total Eastern Europe | 158 | 175 | 191 | 2,122 | 2,285 | 1,964 | 335.2 | 399.8 | 375.2 |
| Total Europe | | | | | | | | | |
| Total Europe | 894 | 867 | 903 | 3,998 | 4,195 | 4,084 | 3,574.0 | 3,636.9 | 3,688.0 |
| Africa: | | | | | | | | | |
| Morocco | 10 | 14 | 12 | 3,590 | 3,557 | 3,750 | 35.9 | 49.8 | 45.0 |
| U.A.R. (Egypt) | 539 | 538 | 757 | 3,394 | 4,210 | 4,471 | 1,829.4 | 2,265.1 | 3,384.8 |
| | | | | | | | | | 3,276.0 |

| | | | | | | | | | | | | |
|---|---------|---------|---------|---------|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| Angola | 30 | 40 | 44 | 49 | 1,333 | 1,650 | 1,409 | 898 | 40.0 | 66.0 | 62.0 | 44.0 |
| Congo, The | 416 | 378 | 325 | 125 | 921 | 961 | 923 | 960 | 383.2 | 363.2 | 300.0 | 120.0 |
| Guinea | 873 | -- | -- | -- | 585 | -- | -- | -- | 510.7 | 688.0 | 660.0 | 703.0 |
| Ivory Coast ^{1/} | 470 | -- | -- | -- | 526 | -- | -- | -- | 247.4 | 154.3 | 315.3 | 330.7 |
| Malagasy Republic | 1,705 | 1,930 | 2,150 | 2,150 | 1,287 | 1,231 | 1,279 | 1,279 | 2,194.6 | 2,375.0 | 2,750.0 | 2,750.0 |
| Mali ^{2/} | 434 | -- | -- | -- | 788 | -- | -- | -- | 342.2 | -- | -- | -- |
| Senegal ^{3/} | 153 | -- | -- | -- | 851 | -- | -- | -- | 130.2 | -- | -- | -- |
| Tanganyika | 137 | -- | -- | -- | 1,079 | -- | -- | -- | 147.8 | -- | 200.0 | 200.0 |
| Total Africa | 6,980 | 7,737 | 8,342 | 8,351 | 1,130 | 1,214 | 1,320 | 1,325 | 7,888.0 | 9,395.6 | 11,014.5 | 11,068.2 |
| Asia: | | | | | | | | | | | | |
| Iran | 557 | 560 | 640 | -- | 1,750 | 1,786 | 1,695 | -- | 974.7 | 1,000.0 | 1,085.0 | 1,100.0 |
| Iraq | 545 | 550 | 500 | -- | 1,151 | 1,273 | 1,100 | -- | 627.2 | 700.0 | 550.0 | -- |
| Turkey (Europe and Asia) | 99 | 146 | 111 | 124 | 2,876 | 2,089 | 2,703 | 2,540 | 284.7 | 305.0 | 300.0 | 315.0 |
| Burma | 10,780 | 11,600 | 12,000 | 12,050 | 1,289 | 1,466 | 1,500 | 1,494 | 13,900.0 | 17,000.0 | 18,000.0 | 18,000.0 |
| Cambodia ^{3/} | 2,853 | 3,007 | 3,472 | 3,400 | 988 | 988 | 936 | 941 | 2,817.4 | 3,000.0 | 3,250.0 | 3,200.0 |
| Ceylon | 920 | 1,077 | 1,090 | 1,100 | 1,330 | 1,582 | 1,606 | 1,609 | 1,223.3 | 1,703.5 | 1,750.0 | 1,770.0 |
| China, Taiwan | 1,912 | 1,916 | 1,892 | 1,900 | 2,388 | 2,870 | 2,762 | 2,842 | 4,565.0 | 5,499.0 | 5,225.0 | 5,400.0 |
| India ^{2/} | 75,448 | 81,437 | 82,829 | 85,000 | 1,089 | 1,253 | 1,257 | 1,353 | 82,150.0 | 102,080.5 | 104,128.6 | 115,000.0 |
| Indonesia | 15,939 | 17,676 | 18,400 | 18,500 | 1,450 | 1,530 | 1,489 | 1,541 | 23,118.3 | 27,048.7 | 27,400.0 | 28,500.0 |
| Japan ^{5/} | 7,754 | 8,078 | 8,100 | 8,150 | 3,394 | 4,091 | 4,253 | 4,348 | 26,316.6 | 33,050.0 | 34,450.0 | 35,436.2 |
| Korea | 2,550 | 2,739 | 2,751 | 2,771 | 2,549 | 2,619 | 2,609 | 2,488 | 6,500.0 | 7,173.5 | 7,176.8 | 6,894.6 |
| Laos ^{3/} | 1,568 | 1,730 | 1,600 | -- | 663 | 665 | 647 | -- | 1,039.0 | 1,150.0 | 1,035.0 | -- |
| Malaya | 836 | 881 | 935 | 945 | 1,739 | 1,788 | 1,730 | 2,328 | 1,453.4 | 1,575.1 | 1,991.9 | 2,200.0 |
| Pakistan ^{2/} | 23,226 | 22,494 | 24,125 | 23,032 | 1,207 | 1,180 | 1,319 | 1,438 | 28,023.9 | 26,534.1 | 31,817.3 | 33,115.5 |
| Philippines | 6,264 | 7,341 | 8,170 | 8,376 | 1,054 | 1,106 | 1,009 | 1,007 | 6,603.3 | 8,122.7 | 8,243.9 | 8,437.8 |
| Thailand | 13,153 | 12,623 | 12,884 | 14,060 | 1,151 | 1,231 | 1,241 | 1,174 | 15,132.9 | 15,541.6 | 15,994.4 | 16,500.0 |
| Viet-Nam | 4,800 | 5,310 | 6,186 | 8,000 | 1,208 | 1,785 | 1,893 | 1,325 | 5,800.0 | 9,480.0 | 11,709.2 | 10,600.0 |
| Total Asia, excluding Communist areas ^{6/} | 173,851 | 184,235 | 190,570 | 195,255 | 1,293 | 1,444 | 1,463 | 1,502 | 224,790.5 | 266,103.6 | 278,860.6 | 293,295.4 |
| Communist China | 59,200 | 70,000 | 66,000 | 68,000 | 2,259 | 2,500 | 2,348 | 2,353 | 133,730.0 | 175,000.0 | 155,000.0 | 160,000.0 |
| Total Communist areas ^{6/} | 65,000 | 77,000 | 73,900 | 76,000 | 2,174 | 2,444 | 2,295 | 2,274 | 141,280.0 | 188,150.0 | 169,600.0 | 172,850.0 |
| Total Asia | 238,851 | 261,235 | 264,470 | 271,255 | 1,533 | 1,739 | 1,696 | 1,718 | 366,070.5 | 454,253.6 | 448,460.6 | 466,145.4 |
| Oceania: | | | | | | | | | | | | |
| Australia | 37 | 52 | 54 | 50 | 4,603 | 5,350 | 5,370 | 5,200 | 170.3 | 278.2 | 290.0 | 260.0 |
| Fiji | 35 | 35 | 40 | -- | 1,649 | 1,543 | 1,675 | -- | 57.7 | 54.0 | 67.0 | -- |
| Total Oceania | 108 | 125 | 132 | 128 | 2,481 | 2,990 | 3,030 | 2,891 | 268.0 | 373.8 | 400.0 | 370.0 |
| World total | 256,951 | 281,227 | 286,077 | 292,932 | 1,537 | 1,733 | 1,701 | 1,720 | 394,943.6 | 487,462.0 | 486,610.1 | 503,747.9 |
| Non-Communist countries | 191,428 | 203,687 | 211,621 | 216,394 | 1,320 | 1,462 | 1,491 | 1,522 | 252,598.4 | 297,712.2 | 315,434.9 | 329,361.7 |
| Communist countries | 65,523 | 77,540 | 74,456 | 76,538 | 2,172 | 2,447 | 2,299 | 2,278 | 142,345.2 | 189,749.8 | 171,175.2 | 174,386.2 |

^{1/} Crops harvested in Northern Hemisphere during the latter part of the year, together with those harvested in Asia from November to May, are combined with crops harvested in Southern Hemisphere countries during the first part of the following year. Harvested acreage is shown unless data for planted acreage only are available. ^{2/} Preliminary. ^{3/} Planted acreage. ^{4/} Formerly part of French West Africa. ^{5/} Tentative revisions through 1954. ^{6/} Communist areas: Main-land China, North Korea, and North Viet-Nam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service officers, results of office research and related information.

The Korean harvest declined somewhat, and North Vietnam's crop is reported below the level of the previous 2 years, despite increased plantings.

Production in Western Europe declined 15 percent. Italy and Greece decreased their rice acreage, and unfavorable weather greatly reduced average yields per acre in all the countries except Greece. Acreage declined also in Eastern Europe, and in some countries yields were below last year.

Africa had a record rice acreage. Increased production in other countries this year offset a moderate decline in Egypt's crop. Acreage in the Congo (formerly Belgian Congo) was reported down sharply, but yields per acre were good. Malagasy Republic (Madagascar) had another very good crop.

North American harvests were up moderately in most areas except the Caribbean. Production in Mexico continued to expand. More rice was harvested in Central America, even though Panama's production declined.

In South America, Brazil expects a harvest as large as last year's record. British Guiana's crop greatly exceeded the previous record of 1959-60. Production increased also in Colombia, Ecuador, Surinam, and Uruguay. However, it declined substantially in Argentina and Chile, and Peru's crop is reported lower than a year ago.

Official Business

Washington 25, D. C.

United States Department of Agriculture

POSTAGE AND FEES PAID

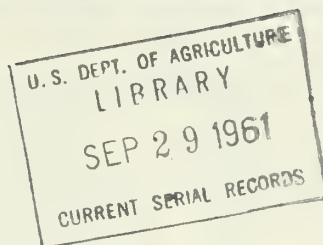
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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.



RICE
FR 5-61
September 1961



WORLD RICE TRADE

UP IN 1960

International rice trade in 1960 was the heaviest since World War II, according to the Foreign Agricultural Service.

Milled rice exports—including reexports—of all except Communist countries are recorded at 12,471 million pounds, compared with 10,688 in 1959. Average exports of these countries from 1951 through 1955 were 10,428 million pounds.

Statistics for rice trade for all of the Communist countries in 1960 are not yet available. Indications are, however, that Communist China's exports declined from the high level of the preceding 2 years, but were substantially above those prior to 1958, when China emerged as a leading exporter of rice. Evidence from figures of importing countries point to the export of perhaps a million metric tons (2,200 million pounds), or more, in 1960, compared with nearly 1,600,000 (3,500 million) in 1959. The U.S.S.R. is a principal market for Chinese rice exports, and Sino-Soviet trade statistics for 1960 are not yet available.

Exporting countries

Rice exports from the principal exporting countries of Asia except Communist China increased in 1960. Burma had the largest exports since 1956—3,883 million pounds—and Thailand's, at 2,659 million, were the highest in 3 years. South Vietnam and Cambodia shipped postwar record quantities.

U.S. exports, at 2,198 million pounds, also were the largest on record. Exports from other countries of the Western Hemisphere totaled 276 million pounds, approximately the same as in 1959. British Guiana's record exports



RICE (in terms of milled 1/): International trade, average 1951-55, annual 1958-60

| Continent and country | Average 1951-55 | | 1958 | | 1959 2/ | | 1960 2/ | |
|------------------------------------|-----------------|----------|------------|-----------|------------|-----------|------------|------------|
| | Exports 3/ | Imports | Exports 2/ | Imports | Exports 3/ | Imports | Exports 2/ | Imports |
| | pounds | pounds | pounds | pounds | pounds | pounds | pounds | pounds |
| North America: | | | | | | | | |
| Canada | 7,045 | 70,341 | 83 | 75,704 | 100 | 71,152 | 3,367 | 105,938 |
| Mexico | 1,237 | 236 | 17,150 | 1,110 | 21,612 | 378 | 4,408 | 49,172 |
| United States | 1,388,982 | 29,806 | 1,305,410 | 11,978 | 1,554,450 | 16,057 | 2,198,018 | 62,039 |
| British Honduras | — | 2,751 | 22 | 3,042 | — | 4,200 | — | 5,015 |
| Costa Rica | 739 | 2,730 | 0 | 9,848 | 0 | 16,785 | — | 35 |
| El Salvador | 1,502 | 4,884 | 1,433 | 3,515 | 1,669 | 9,223 | 6/ 1,689 | 6/ 6,274 |
| Guatemala | 490 | 1,538 | 0 | 7,057 | 0 | 2,715 | — | — |
| Honduras | 5/ 814 | 5/ 1,544 | 906 | 6,098 | 856 | 2,428 | 1,480 | 3,071 |
| Nicaragua | 19,669 | 522 | 1,222 | 5,452 | 5,333 | 1,193 | — | — |
| Panama | 2 | 2,734 | 0 | 124 | 2 | 119 | — | — |
| Bahamas | — | 3,936 | — | 1,220 | — | 5,380 | — | 6,000 |
| Cuba | 604 | 470,076 | 0 | 426,147 | — | 380,000 | — | 330,000 |
| Dominican Republic | 711 | 739 | 31 | 1 | — | — | — | 6/ 2,524 |
| Guadeloupe | — | 16,036 | — | 18,247 | — | 19,795 | — | 23,554 |
| Martinique | — | 5,726 | — | 5,777 | — | 5,714 | — | — |
| Netherlands Antilles | 113 | 6,839 | 148 | 8,413 | 7 | 8,920 | 238 | 9,586 |
| Barbados | — | 18,295 | — | 20,845 | — | 16,457 | — | 17,170 |
| Jamaica | 50 | 34,895 | 190 | 54,998 | — | 45,108 | — | 48,359 |
| Leeward and Windward Islands | 119 | 11,807 | 36 | 12,000 | — | 12,126 | — | — |
| Trinidad and Tobago | 436 | 36,328 | 50 | 62,185 | 48 | 53,353 | — | — |
| Total North America | 1,422,540 | 722,837 | 1,326,681 | 736,454 | 1,584,077 | 674,814 | 2,216,200 | 761,857 |
| South America: | | | | | | | | |
| Argentina | 30,847 | 0 | 72,649 | 57 | 15,451 | 5,587 | 10,238 | 0 |
| Bolivia | — | 23,314 | — | 24,726 | — | 18,881 | — | — |
| Brazil | 150,720 | 4,179 | 113,651 | 0 | 21,639 | 0 | 955 | — |
| British Guiana | 84,504 | 0 | 39,595 | 7/ | 126,138 | — | 141,519 | — |
| Chile | 3,125 | 4,439 | 0 | 7,842 | 734 | 19,508 | 392 | 34,500 |
| Colombia | 11,943 | 17,908 | 0 | 54 | 0 | 464 | 0 | 7,000 |
| Ecuador | 60,082 | 1,759 | 56,724 | 0 | 37,310 | 0 | 59,050 | 0 |
| Peru | 14,978 | 18,118 | 0 | 98,842 | 0 | 393 | 0 | 86,200 |
| Surinam | 16,824 | 7/ | 32,931 | 4,478 | 38,880 | 0 | — | — |
| Uruguay | 27,312 | 0 | 20,657 | — | 1,653 | 110 | 12,985 | — |
| Venezuela | — | 16,099 | — | 54,367 | — | 59,445 | — | 65,000 |
| Total South America | 405,135 | 87,393 | 339,207 | 191,587 | 243,939 | 106,189 | 257,639 | 207,500 |
| Europe: | | | | | | | | |
| Austria | 7 | 56,887 | 2 | 67,799 | 1 | 73,310 | 1 | 84,863 |
| Belgium-Luxembourg | 17,150 | 82,871 | 54,345 | 114,421 | 57,072 | 172,444 | 53,206 | 165,102 |
| Denmark | 659 | 14,271 | 1,364 | 13,916 | 406 | 12,002 | 119 | 13,602 |
| Finland | — | 25,323 | — | 26,178 | — | 26,244 | — | 33,000 |
| France | 6,635 | 125,207 | 32,045 | 131,731 | 45,411 | 187,009 | 58,307 | 195,863 |
| Germany, West | 3,354 | 188,654 | 11,874 | 264,003 | 14,761 | 341,873 | 11,886 | 333,754 |
| Greece | 10,560 | 15,324 | 831 | 25,834 | 176 | 25,000 | 2,698 | 10,800 |
| Ireland | — | 5,976 | — | 6,699 | — | 4,442 | — | 5,650 |
| Italy | 492,764 | 2 | 403,774 | 220 | 340,599 | 3,469 | 289,455 | 3,543 |
| Netherlands | 60,279 | 151,023 | 70,225 | 150,530 | 72,071 | 179,014 | 66,963 | 178,778 |
| Norway | 2 | 8,059 | 0 | 12,961 | 35 | 10,739 | 11 | 13,073 |
| Portugal | 15,058 | 1,862 | 25,246 | 2,851 | 101 | 1,535 | 99 | 10,002 |
| Spain | 98,358 | 20 | 213,869 | 3 | 61,797 | 0 | 64,367 | 11,000 |
| Sweden | 102 | 18,324 | 26 | 20,736 | 13 | 22,262 | — | 24,244 |
| Switzerland | 2,657 | 38,916 | 30 | 55,168 | 147 | 49,105 | 889 | 55,845 |
| United Kingdom | 1,387 | 164,097 | — | 190,378 | — | 188,205 | — | 208,856 |
| Total West Europe | 708,972 | 899,587 | 816,131 | 1,086,126 | 595,090 | 1,298,966 | 550,521 | 1,350,775 |
| East Europe: | | | | | | | | |
| Czechoslovakia | — | 40,000 | — | 280,000 | — | 280,000 | — | — |
| Hungary | 29,074 | 9,194 | 108,451 | 34,039 | 54,074 | 65,208 | 31,462 | 38,834 |
| Poland | — | 27,161 | 269 | 62,582 | — | 223,712 | 14,200 | 221,121 |
| Rumania | 220 | 3,000 | — | 37,478 | — | 46,076 | — | — |
| Yugoslavia | 1,470 | 14,090 | 0 | 63,089 | 589 | 78,890 | 637 | 95,492 |
| Total East Europe | 45,764 | 143,445 | 129,725 | 607,921 | 69,663 | 683,886 | 46,299 | 775,447 |
| U.S.S.R. (Europe and Asia) | | | | | | | | |
| U.S.S.R. (Europe and Asia) | 10,000 | 300,000 | 228,837 | 1,103,402 | 220,460 | 1,519,190 | — | — |
| Africa: | | | | | | | | |
| Algeria | 1,537 | 7,991 | 886 | 15,941 | 2 | 15,487 | — | 6/ 11,863 |
| Ethiopia 8/ | — | 1,280 | — | 25,270 | — | 21,914 | — | — |
| Libya | — | 6,418 | — | 3,973 | — | 12,639 | — | 15,000 |
| Morocco | 19,180 | 2,742 | 18,054 | 1,106 | 17,705 | 4,971 | 17,884 | 7,196 |
| Somali Republic | — | 11,331 | 3 | 20,400 | 4 | 40,147 | — | — |
| Sudan | 67 | 6,534 | 0 | 5,600 | 0 | 10,221 | 0 | 4,480 |
| Tunisia | 16 | 2,338 | 0 | 2,870 | 0 | 5,426 | 0 | 11,239 |
| U.A.R., Egypt | 249,179 | 118 | 851,866 | 125 | 108,290 | 104,410 | 668,770 | 22,411 |
| Angola | 6,575 | 44 | 2,385 | 272 | 2,400 | 504 | 8,479 | — |
| Cameroun | 370 | 9,264 | 37 | 9,443 | 40 | 15,337 | — | 16,442 |
| Cape Verde Islands | — | 1,170 | — | 2,194 | — | 1,863 | — | 2,800 |
| Comoro Islands | — | 8,517 | — | 14,533 | — | 14,127 | — | 17,000 |
| Congo, Republic of the | 1,617 | 136 | 2,772 | 323 | 32 | 4,970 | — | 22,000 |
| Dahomey | — | 2,910 | 2 | 7,269 | — | 5,694 | — | — |
| Gambia | — | 8,225 | — | 17,559 | — | 7,950 | — | 6/ 7,451 |
| Ghana | 536 | 7,004 | — | 31,272 | — | 74,794 | — | 10/ 31,149 |
| Guinea | — | 6,643 | 9 | 15,161 | — | 44,092 | — | — |

RICE (in terms of milled 1/): International trade, average 1951-55, annual 1958-60 (Continued)

| Continent and country | Average 1951-55 | | 1958 | | 1959 2/ | | 1960 2/ | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|
| | Exports 3/ | Imports | Exports 3/ | Imports | Exports 3/ | Imports | Exports 3/ | Imports |
| | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| Africa (continued): | | | | | | | | |
| Ivory Coast | — | 19,244 | — | 31,076 | — | 77,754 | — | — |
| Kenya | 555 | 13,954 | 855 | 12,799 | 697 | 28,420 | — | 10,468 |
| Liberia | 1 | 11,692 | 7 | 27,549 | 2 | 39,220 | — | 43,000 |
| Malagasy Republic | 64,680 | 1,992 | 128,364 | 0 | 65,446 | 27,255 | 52,097 | — |
| Mauritius | — | 105,560 | — | 155,382 | — | 127,971 | — | 125,000 |
| Mozambique | 6,982 | 7 | 3,406 | 0 | 1,269 | 708 | 119 | — |
| Nigeria | 238 | 1,152 | 78 | 1,488 | 157 | 5,878 | 78 | 5,396 |
| Portuguese Guinea | 2,395 | — | 1,970 | — | 2,993 | — | — | — |
| Reunion | — | 56,167 | — | 74,273 | — | 78,442 | — | 6/ 48,834 |
| Rhodesia & Nyasaland, Federation of | 1,155 | 2,392 | 195 | 6,116 | 239 | 4,817 | — | 6,519 |
| Sao Toms and Principe | — | 4,228 | — | 4,517 | — | 4,209 | — | — |
| Sensgal-Sudan-Mauritania | — | 137,233 | — | 165,691 | 55 | 297,603 | 290 | 181,596 |
| Sierra Leone | 512 | 11,980 | 181 | 48,795 | 143 | 97,004 | 35 | 102,725 |
| Spanish Guinea | 47 | 7,145 | — | 11,259 | — | — | — | — |
| Tanganyika | 859 | 1,396 | 1,803 | 2,209 | 674 | 3,484 | — | 2,215 |
| Togo | 500 | 2,279 | 238 | 3,942 | 5 | 8,126 | 100 | 6,000 |
| Uganda | 0 | 9,251 | 22 | 12,354 | 12 | 9,532 | — | 9,283 |
| Zanzibar | 2,356 | 29,873 | 184 | 18,550 | 347 | 27,409 | — | 11/ 23,995 |
| South Africa, Republic of | 702 | 36,711 | 200 | 85,093 | 219 | 75,574 | — | 111,720 |
| Total Africa | 360,059 | 548,358 | 1,013,493 | 861,597 | 200,731 | 1,353,479 | 750,647 | 1,127,059 |
| Asia: | | | | | | | | |
| Aden | 18,900 | 26,349 | 32,608 | 31,348 | 51,704 | 70,753 | 49,402 | 62,941 |
| Other Arabian Peninsula 12/ | — | 197,000 | — | 344,000 | — | 450,000 | — | 350,000 |
| Cyprus | — | 4,582 | — | 7,013 | — | 6,981 | — | 6,985 |
| Iran 13/ | 99,846 | 139 | 2,798 | 274 | — | — | — | — |
| Iraq | 9,733 | 4,403 | 5,370 | 8,865 | 7,187 | 122,243 | — | 78,000 |
| Israel | — | 11,200 | — | 15,040 | — | 31,590 | — | 32,981 |
| Jordan | — | 19,824 | — | 36,882 | — | 42,426 | — | — |
| Lebanon | 1,961 | 22,874 | 13 | 27,814 | 216 | 33,517 | — | 54,000 |
| Turkey (Europe and Asia) | 12,070 | 646 | 298 | 0 | 218 | 12,124 | 0 | 0 |
| U.A.R., Syria | 2,180 | 22,427 | 172 | 58,021 | 0 | 57,162 | 0 | 68,000 |
| Brunei | — | 7,716 | — | 13,534 | — | 13,406 | — | — |
| North Borneo | 237 | 28,262 | 58 | 49,136 | 388 | 42,978 | — | 46,000 |
| Sarawak | 113 | 61,043 | 1 | 85,715 | 28 | 113,056 | 1 | 100,747 |
| Burma | 2,909,681 | 0 | 3,108,961 | 0 | 3,740,188 | 0 | 3,882,769 | 0 |
| Cambodia | 224,952 | — | 464,838 | — | 427,833 | — | 728,620 | — |
| Ceylon | 8,763 | 884,138 | 2,087 | 1,063,151 | 15,333 | 1,286,488 | 534 | 1,164,368 |
| China, Taiwan | 209,944 | 2,396 | 431,440 | — | 353,155 | — | 66,138 | 89,013 |
| Hong Kong | 9,835 | 447,548 | 183,251 | 841,051 | 23,165 | 778,918 | 24,909 | 788,745 |
| India | 54,358 | 1,167,579 | 4,642 | 902,166 | 1,264 | 697,544 | — | 14/ 1,700,000 |
| Indonesia | 16,983 | 904,664 | — | 142,150,000 | — | 142,100,000 | — | 2,120,803 |
| Japan | 5,157 | 2,438,037 | 79 | 1,114,335 | 110 | 611,450 | 117 | 385,007 |
| Korea, South | — | 245,671 | 0 | 15,283 | 11,063 | 6,915 | 57,108 | 1,585 |
| Laos | — | 11,200 | — | 14,440 | — | 10,086 | — | 16,347 |
| Macao | 10,916 | 58,281 | — | 42,507 | — | 48,821 | — | — |
| Malaya | 141,402 | 1,112,743 | 377,754 | 1,412,721 | 130,850 | 141,500,000 | 140,762 | 141,490,000 |
| Nepal, Bhutan, Tibet | 51,618 | 1,787 | 29,700 | 3,261 | 29,499 | 515 | 30,000 | 7,570 |
| Pakistan | 290,648 | — | 3,649 | 756,681 | 182,784 | 665,724 | 144,994 | 714,233 |
| Philippines | 2,549 | 131,888 | 66 | 508,532 | 46 | 14,334 | 3,588 | 1 |
| Ryukyu Islands | — | 100,089 | — | 119,452 | — | 128,806 | — | 180,000 |
| Thailand | 3,042,006 | 7 | 2,513,178 | 0 | 2,428,215 | 0 | 2,659,000 | — |
| Vietnam, South | 335,855 | 125 | 247,808 | 10,322 | 541,646 | 6,000 | 749,568 | — |
| Total Asia, excluding Communist areas 15/ .. | 7,460,075 | 7,989,101 | 7,409,071 | 9,678,151 | 7,949,192 | 8,902,037 | 8,541,810 | 9,616,026 |
| Communist China | 495,000 | 75,000 | 2,800,000 | — | 3,500,000 | — | — | — |
| Total Asia | 7,955,075 | 8,064,101 | 10,411,071 | 9,678,261 | 11,625,192 | 8,902,037 | — | — |
| Oceania: | | | | | | | | |
| Australia | 5/ 70,697 | 5/ 48 | 94,507 | — | 114,513 | — | 154,460 | — |
| Fiji Islands | — | 1,449 | — | 9,475 | — | 18,122 | — | 11,500 |
| French Oceania | — | 2,910 | — | 3,221 | — | 4,522 | — | — |
| Gilbert and Ellice Islands | — | 1,206 | — | 1,320 | — | 3,200 | — | 1,485 |
| New Caledonia | — | 5,250 | — | 8,457 | — | 8,139 | — | 6/ 4,795 |
| New Guinea 5/ | — | 19,156 | — | 27,337 | — | 27,543 | — | 30,480 |
| New Hebrides | — | 3,390 | — | 4,976 | — | 6,539 | — | 5,000 |
| New Zealand | 48 | 5,503 | 24 | 7,449 | — | 6,458 | — | 5,755 |
| Papua 5/ | 1 | 10,269 | — | 13,654 | — | 13,024 | — | — |
| Solomon Islands | — | 3,537 | — | 4,344 | — | 5,395 | — | 5,375 |
| Western Samoa | 37 | 1,066 | 0 | 1,990 | 0 | 1,748 | — | — |
| Total Oceania | 70,783 | 56,601 | 94,531 | 88,876 | 114,538 | 101,682 | 154,485 | 107,050 |
| World total | 10,978,328 | 10,822,322 | 14,359,676 | 14,354,224 | 14,653,690 | 14,640,243 | — | — |
| Non-Communist countries | 10,427,564 | 10,303,877 | 10,999,114 | 12,642,791 | 10,687,567 | 12,437,167 | 12,471,302 | 13,170,267 |
| Communist countries | 550,764 | 518,445 | 3,360,562 | 1,711,433 | 3,966,123 | 2,203,076 | — | — |

1/ Includes milled, semi-milled, broken, and rough rice in terms of milled. 2/ Preliminary. 3/ Includes re-exports. 4/ January-June. 5/ July-June. 6/ January-September. 7/ Less than 500 pounds. 8/ September 11-September 10. 9/ January-March. 10/ January-August. 11/ January-November. 12/ Compiled from statistics of exporting countries. 13/ March 21-March 20. 14/ Based on statistics of exporting countries. 15/ Communist areas: Communist China, North Korea, and North Vietnam.

Foreign Agricultural Service. Prepared or estimated from official statistics of foreign governments, reports of U.S. Agricultural Attaches, office research, and other information.

increased 12 percent over the previous year's, and Ecuador's shipments were the highest in 3 years. Exports from Brazil and Argentina declined; Uruguay's, although more than in 1959, were below average.

Exports and reexports from Western Europe declined from 1959 and were 22 percent below average in 1951-55. Italy's exports were only 289 million pounds, compared with the average of 493 million. Spain's exports increased moderately, but were also much below the average. In Eastern Europe, exports from Hungary and Bulgaria dropped considerably from those in 1958 and 1959.

Total exports from the surplus producing countries of Africa--mainly U.A.R. (Egypt), Malagasy Republic, and Morocco--were sharply above 1959. In that year, Egypt was unable to export because of a small crop, but in 1960, shipments were again at a high level. Exports from the Malagasy Republic, however, were the lowest in several years. Morocco held exports at about the 1951-55 average level.

Australia established another record for rice exports. The result is that the South Pacific Islands are importing larger quantities.

Importing countries

Asia's principal importing countries increased rice imports in 1960. Indonesia--taking the most--held the high import level of the preceding 2 years. India took the largest quantity in 3 years. Malaya and Ceylon again had above average imports.

Japan's imports, having declined steadily since 1958, were only 16 percent of average in 1951-55. Although Taiwan has been an important exporter of rice in recent years, in 1960 its imports exceeded exports. The Philippine Republic imported virtually no rice. Imports into Arabian countries declined, according to available statistics from exporting countries.

Rice imports into Western Europe increased slightly. The principal importers were West Germany, United Kingdom, France, Netherlands and Belgium-Luxembourg. West Germany's were near last year's postwar record, and near-record imports were brought into the United Kingdom.

Available data indicate African countries imported less rice than in 1959, though imports increased sharply in some countries. In 1960, the United Arab Republic (Egypt) imported no rice, as was required in the year before.

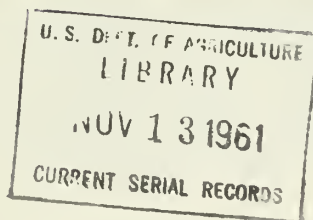
The Senegal-Sudan-Mauritania area of former French West Africa took the largest quantity. Imports into Sierra Leone set a new record, having increased at a fast pace in the last 4 years. The Republic of South Africa had postwar record imports.

Rice imports into North America and South America exceeded those of 1959. Increased imports into Canada and the Caribbean offset a drop in imports into Cuba. Peru, Venezuela, and Chile took relatively large amounts of rice in 1960.

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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.



RICE
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U.S. RICE EXPORTS

AND THE EUROPEAN COMMON MARKET ¹/

SUMMARY

1. The U.S. has a well-established and growing market for the higher qualities of all types of rice in 4 of the 6 Common Market countries.
2. This trade is well distributed throughout all segments of the rice industry and represents commercial sales for dollars.
3. The Common Market is deficit in rice on the basis of consumer preferences and the historical patterns of trade. Larger imports are required to meet growing consumer demand and the needs of modern retail merchandizing.
4. Present import patterns cannot be replaced by rice produced within the Common Market due to climatic conditions which do not permit efficient and economical production of long grain rice.
5. Present conditions of free trade in rice are important, not only to the U.S. but to the old and well-established rice processing and marketing industry within the importing countries of the Common Market.
6. Proposals now under consideration appear extremely restrictive if not disruptive of U.S. trade in rice.

¹/ By Dexter V. Rivenburgh
Rice Marketing Specialist

1. U.S. EXPORTS OF RICE OVER THE PAST 4 YEARS

In the Common Market there are 4 rice importing countries which produce no rice. These are Belgium/Luxembourg, the Netherlands, and West Germany. The other countries in the Common Market, France and Italy, do produce rice. Italy is, however, the only rice exporter. France is about self-sufficient in rice, with the importation of some milled rice from Madagascar and some broken grades for industrial use from areas of French interest.

Historically, there has been trade in rice for a long time between the United States, the Netherlands, and Belgium/Luxembourg. The substantial rice trade the United States now has with West Germany is somewhat more recent. In the past 4 years, the pattern has become extremely important to the American rice industry. The volume of trade and the marked increase since 1957 is clearly indicated in the overall statistics by individual years.

U.S. exports of rice to Common Market countries, 1957 to 1961
(in milled rice equivalent)

| Country | 1957-58 (Aug.-July) | 1958-59 (Aug.-July) | 1959-60 (Aug.-July) | 1960-61 (Aug.-July) |
|--------------------|------------------------|------------------------|------------------------|------------------------|
| | Cwt. | Cwt. | Cwt. | Cwt. |
| Belgium-Luxembourg | 77,000 | 315,000 | 341,000 | 229,000 |
| West Germany | 55,000 | 1,132,000 | 702,000 | 1,056,000 |
| Netherlands | 14,000 | 350,000 | 575,000 | 660,000 |
| Total | 146,000 | 1,897,000 | 1,618,000 | 1,945,000 |

Total U.S. exports to the rice-importing Common Market countries for 1960-61 were more than 13 times those of 1957-58. Important as this comparison is, there are other factors equally important to the U.S. rice economy. The Common Market, as a part of the general European area, is the most important outlet for higher quality rice, particularly the long grain types.

This is also a market with substantial growth potentials. Processors and exporters participating in the expanding market cover a wider segment of the U.S. domestic industry than is the case with any other geographical area in the world. Finally, this is a market which has in the past few years taken a wide range of rice. Imports have included brown rice, both long and short grain types, straight milled white rice of long and medium types, packaged rice including several specially processed forms and some rice by-products.

This is also an area where special trade promotions have been started both by government and industry in cooperative market development work and by separate segments of the U.S. rice industry itself. Many of these arrange-

ments are also cooperative undertakings with rice-importing interests within the individual countries, for the purpose of promoting and extending the overall consumption of rice.

2. CONDITIONS UNDER WHICH THE TRADE HAS EXPANDED

Generally, conditions under which U.S. rice has been exported to the area have been those which accompany free trade. In the case of Belgium/Luxembourg and the Netherlands, both brown and milled rice have entered free of duty, having been so bound for Benelux in the General Agreement on Tariffs and Trade (GATT). In West Germany, in the postwar period, the importation of rice was liberalized; U.S. rice entered duty-free in the case of brown rice, and for a 15-percent ad valorem duty for milled rice. There have been no import restrictions and U.S. rice has been free to compete with rice from other world sources.

The per-capita consumption, though rising, is still materially below that of prewar. The free trade position of rice, therefore, has contributed to the increase in per-capita consumption now going on, and has permitted the natural development of consumer preferences in use of rice. While U.S. interests have shared in the developing market, the rice marketing industry within these countries has also had an important stake in the existing import pattern as it now operates. This includes the highly developed rice milling industry in each of the 4 rice importing countries of the Common Market area, importing firms, packaging and processing firms, distributors and retailers. In the aggregate, these represent important elements in the overall economies of all countries involved including the United States.

The 6 European Common Market countries based on the current status of trade in rice are a net deficit area. Italy is the only exporter of rice within the group. The Italian production is nearly equal to consumption requirements of the area only if considered solely on the basis of volume.

Italy primarily produces a short grain rice with only a limited amount of semi-long grains but which have the soft characteristics of short grain. Nowhere within the area is a long grain type of rice grown similar to long grains exported by the United States. The heaviest importer of the type of rice grown in Italy is West Germany, with less than 50 percent of consumers' requirements for short grain and the balance largely for long grain. The United States has been supplying most of both West German requirements. This trade has been largely centered volumewise in brown rice of both short and long grain varieties.

In the Netherlands, Belgium and Luxembourg, the portion of consumer requirements requiring rice similar to Italian production does not exceed 20 percent with the balance of such requirements being for imported long and medium grain varieties in the order stated.

This means that the European Common Market area, assuming that France is self-sufficient with the aid of imports from Madagascar, on the basis of

pronounced consumer preference is a deficit area for long and medium grain varieties. At the same time, the area because of the Italian production of short grain rice has a surplus position.

Climatically, the long grain types in demand cannot be grown profitably. The same is true to some extent for medium grains. With this limitation on production, and with the well-defined differences in consumer preferences for separate and distinct types of rice, it is quite apparent that the existing freedom of trade has been necessary. Any other system would have forced the consumer either to eat less rice or accept an undesirable or unusable substitute.

3. CHANGES LIKELY TO TAKE PLACE IF PROPOSALS ON RICE NOW BEFORE THE COMMISSION OF THE EUROPEAN ECONOMIC COMMUNITY ARE ACCEPTED

Should current rice proposals be accepted in their current form, there would be a number of drastic changes in existing trading practices which would be cumbersome, restrictive, and perhaps completely destructive. The proposals are based on an assumption that rice production within the area is adequate or can be adjusted to the point where it is equal to consumption requirements. In the effort to move toward "self-sufficiency", rice has apparently been considered on the basis of "rice is rice" disregarding consumer preferences or the inability of the area to produce rice of the type and characteristics now being imported.

The present proposals are not specific as to the mechanics of establishing control of the trade within the Common Market area. The situation is further complicated by the fact that the final establishment of a Common Market is not actually effective until July 1, 1968, and so there will be an interim transition period starting July 1, 1962, during which changes will be made.

It is proposed that a Rice Section be set up in a European Grain office responsible for the analysis of the demand and supply position, the trend of prices, the level of stocks and for the fixing of the level of variable levies to replace fixed tariff rates. It will also be responsible for the issuance of import licenses and export certificates.

The Common Market area, therefore, will be insulated from external sources of rice by the use of import licenses and a variable import levy. The variable levy is likely to represent a so called "threshold price" at some point within the Common Market which might likely represent a higher price than actual guaranteed producer prices within the areas of production itself. The basis for the computation of this "threshold" price (or intervention price) is said to be Italian short grain rough rice and from this as a base, prices for various rices adjusted for quality will be developed.

The purpose of the variable levy is to level out the spread between the internal price and the lowest world price. There are no indications as to what formula or under what criteria such world price levels will be computed. The variable levy, in addition, is subject to an increase monthly for the 9 months following a date to be fixed with relation to the time of the Italian (or French) harvest.

National marketing organizations will be authorized to make purchases at the intervention price to create market stability when necessary, to guarantee producers disposal at a fixed price throughout the marketing season. It is also apparent that export subsidies could be paid from the funds representing collection of variable levies when internal supplies are above consumption requirements.

If the proposals are accepted substantially in their present form, importers within the Common Market would have to obtain an import license from the Rice Board. The question of the level of supplies, as well as that of the general levels of prices in relation to the fixed intervention price would quite likely be an important factor. After obtaining such a license, the importer still would not know the exact amount of the variable levy until the date of actual arrival. The importer could hedge against an advance in variable levy costs through the payment of an additional insurance fee.

If such a system were to be adopted even in part, the price of U.S. rice sold on a c.i.f. basis would have no effect on the levy to be paid by the importer. The variable import levy would be the difference between the guaranteed producer price adjusted upwards for locations within the Common Market and the lowest world price. This principle would remove a great many elements of present free competition. The ultimate cost to the consumer for imported rice as might enter the area would quite likely be 50 percent over current price levels.

Notwithstanding the fact these are as yet proposals, it appears that from the very complex patterns of control and the completely fictitious basis suggested for the establishment of a variable levy that the present conditions under which trade in rice now moves might undergo a drastic change.



Growth Through Agricultural Progress



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